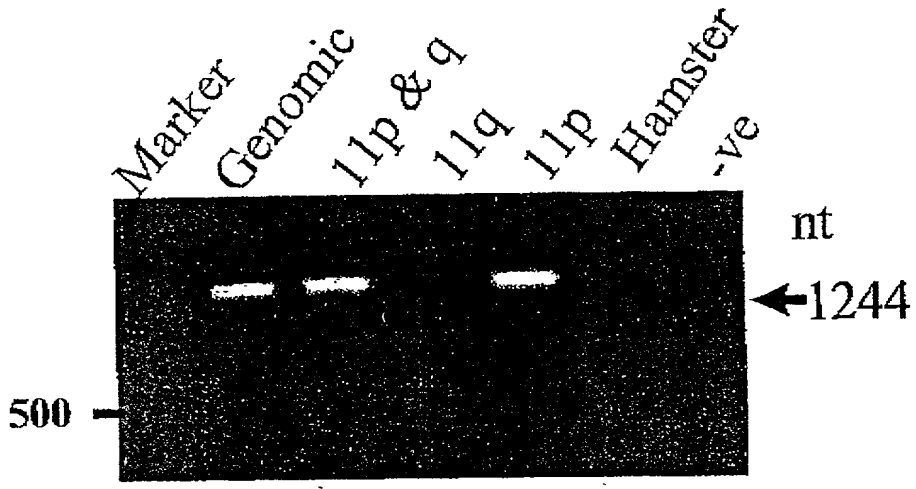

Fig. 1A

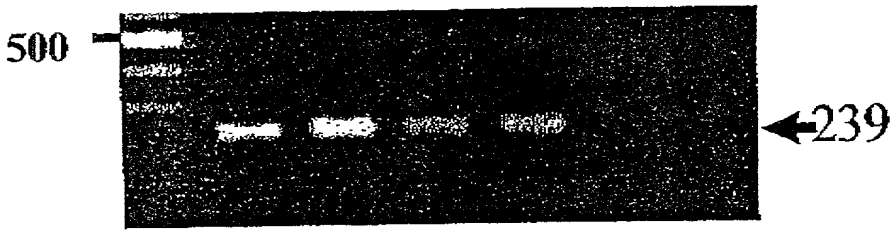

Fig. 1B

Fig. 1C

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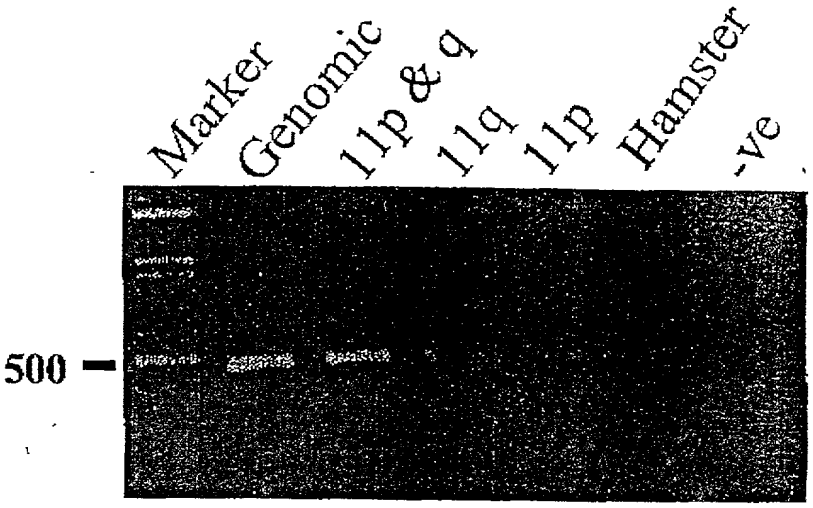
Marker
Genomic
11p & q
11q
11p
Hamster
-ve
500

Fig. 2

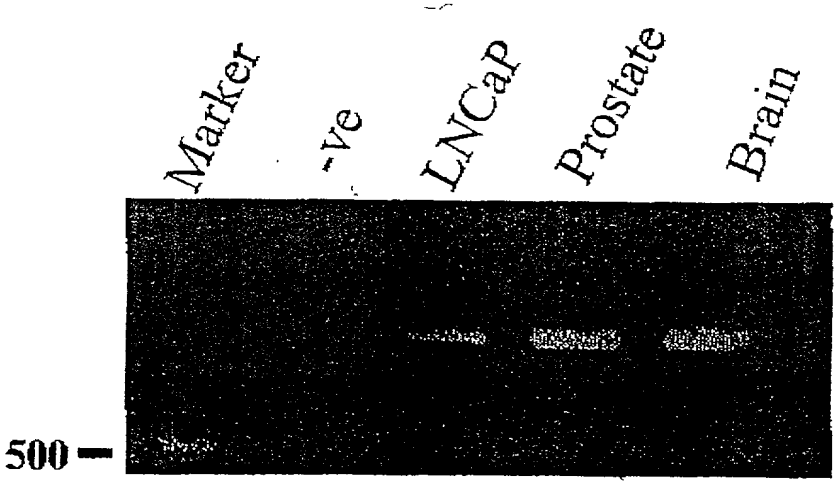
Marker
-ve
LNCaP
Prostate
Brain
500

Fig. 3

FOSBOOT-20020250

```
PSMA          1 MWNLLHETDSAVATARRPRWLCAGALVLAGGFFLLGFLFG  40
PSMA-LIKE     1                                           0

             41 WFIKSSNEATNITPKHNMKAFLDELKAENIKKFLYNFTQI  80
              1                                           0

             81 PHLAGTEQNFQLAKQIQSQWKEFGLDSVELAHYDVLLSYP 120
              1                                           0

            121 NKTHPNYISIINEDGNEIFNTSLFEPPPPGYENVSDIVPP 160
              1                                           0

            161 FSAFSPQGMPEGDLVYVNYARTEDFFKLERDMKINCSGKI 200
              1                                           0

            201 VIARYGKVFRGNKVKNAQLAGAKGVILYSDPADYFAPGVK 240
              1                                           0

            241 SYPDGWNLPGGGVQRGNILNLNGAGDPLTPGYPANEYAYR 280
              1                                           0

            281 RGIAEAVGLPSIPVHPIGYYDAQKLLEKMGGSAPPDSSWR 320
              1                           MGGSAPPDSSWR  12
                                          ************

            321 GSLKVPYNVGPGFTGNFSTQKVKMHIHSTNEVTRIYNVIG 360
             13 GSLKVSYNVGPGFTGNFSTQKVKMHIHSTNEVTRIYNVIG  52
                ***** **********************************

            361 TLRGAVEPDRYVILGGHRDSWVFGGIDPQSGAAVVHEIVR 400
             53 TLRGAVEPDRYVILGGHRDSWVFGGIDPQSGAAVVHETVR  92
                ************************************* **
```

Fig. 4-1

```
401 SFGTLKKEGWRPRRTILFASWDAEEFGLLGSTEWAEENSR 440
 93 SFGTLKKEGWRPRRTILFASWDAEEFGLLGSTEWAEDNSR 132
    ***************************************.***

441 LLQERGVAYINADSSIEGNYTLRVDCTPLMYSLVHNLTKE 480
133 LLQERGVAYINADSSIEGNYTLRVDCTPLMYSLVYNLTKE 172
    ********************************** *****

481 LKSPDEGFEGKSLYESWTKKSPSPEFSGMPRISKLGSGND 520
173 LKSPDEGFEGKSLYESWTKKSPSPEFSGMPRISKLGSGND 212
    ****************************************

521 FEVFFQRLGIASGRARYTKNWETNKFSGYPLYHSVYETYE 560
213 FEVFFQRLGIASGRARYTKNWETNKFSGYPLYHSVYETYE 252
    ****************************************

561 LVEKFYDPMFKYHLTVAQVRGGMVFELANSIVLPFDCRDY 600
253 LVEKFYDPMFKYHLTVAQVRGGMVFELANSIVLPFDCRDY 292
    ****************************************

601 AVVLRKYADKIYSISMKHPQEMKTYSVSFDSLFSAVKNFT 640
293 AVVLRKYADKIYNISMKHPQEMKTYSLSFDSLFSAVKNFT 332
    *********** ************.************

641 EIASKFSERLQDFDKSNPIVLRMMNDQLMFLERAFIDPLG 680
333 EIASKFSERLQDFDKSNPILLRMMNDQLMFLERAFIDPLG 372
    ******************.*********************

681 LPDRPFYRHVIYAPSSHNKYAGESFPGIYDALFDIESKVD 720
373 LPDRPFYRHVIYAPSSHNKYAGESFPGIYDALFDIESKVD 412
    ****************************************

721 PSKAWGEVKRQIYVAAFTVQAAAETLSEVA (SEQ ID NO: 4)
413 PSKAWGDVKRQISVAAFTVQAAAETLSEVA (SEQ ID NO: 2)
    ******.***** *****************
```

Fig. 4-2

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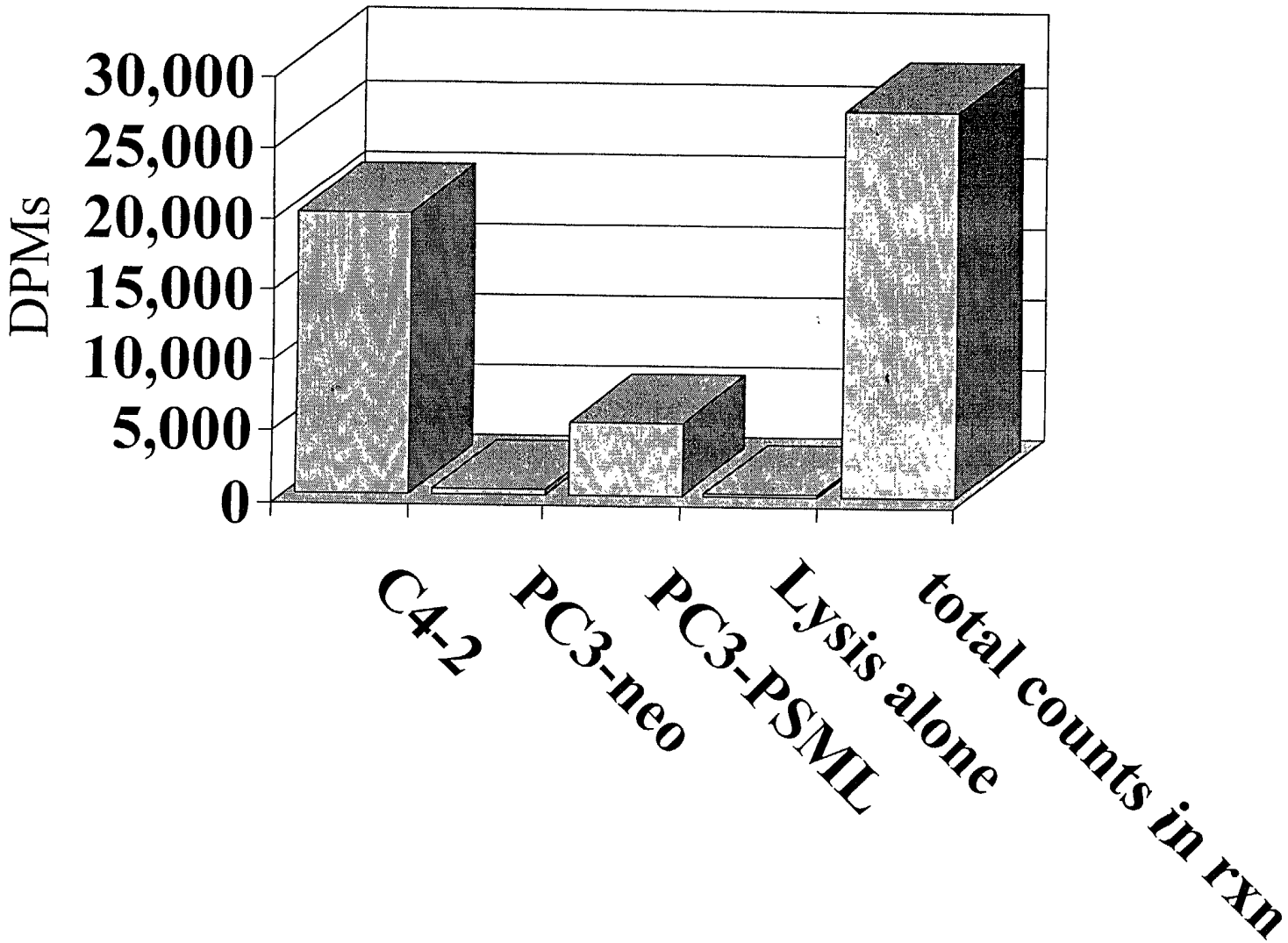
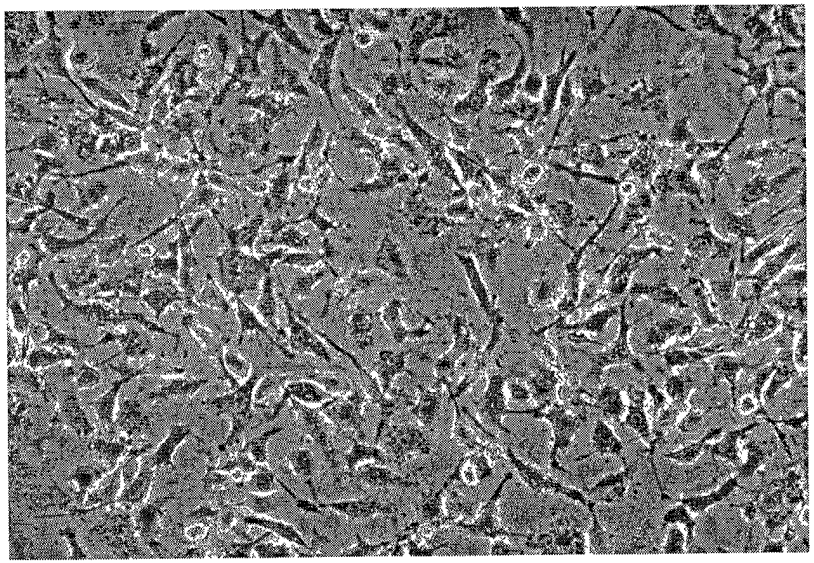
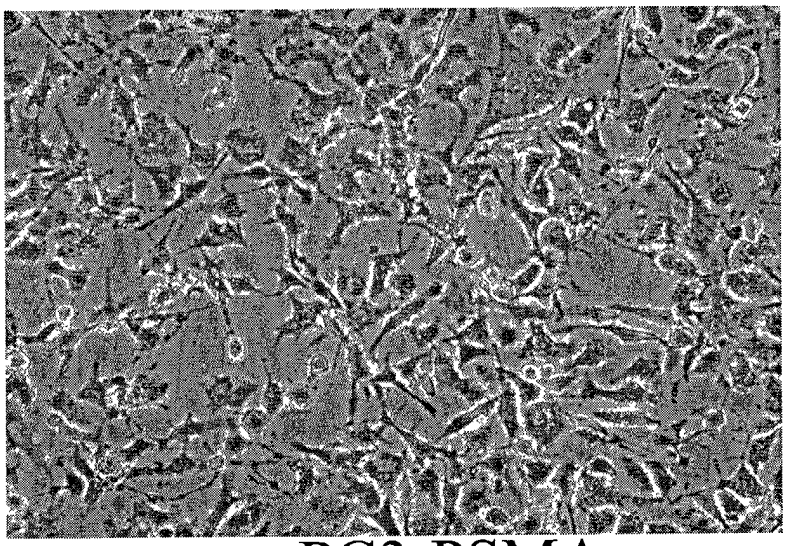


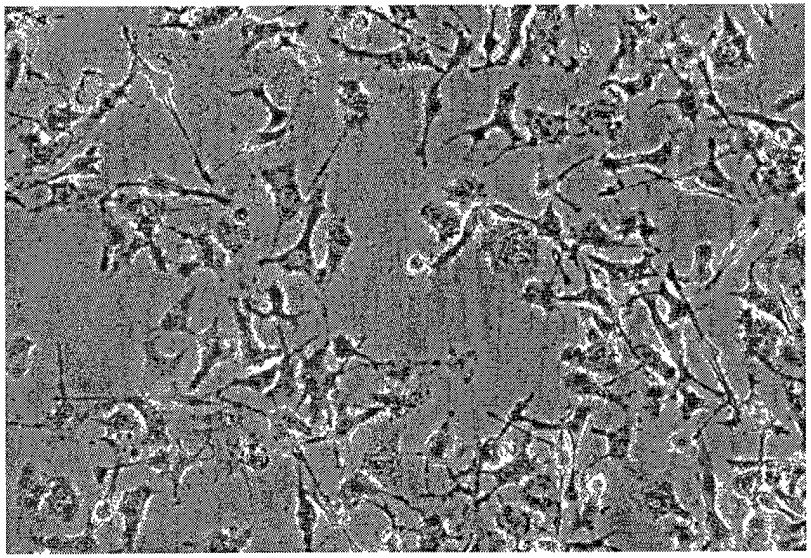
FIG. 5



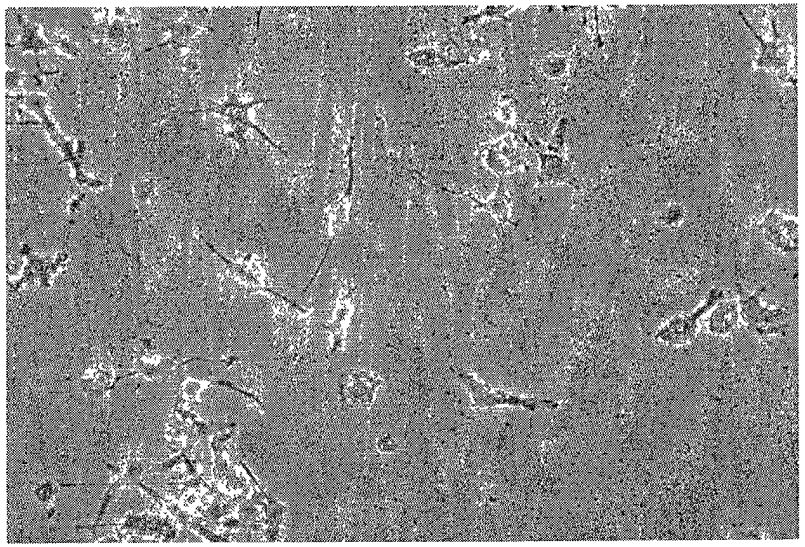
PC3-neo



PC3-PSMA



PC3-PSMA/Like Hybrid



PC3-PSM Like

Fig. 6